

# Product Datasheet

## Drebrin 1 Antibody (2E11) - Azide and BSA Free H00001627-M03

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00001627-M03**

Drebrin 1 Antibody (2E11) - Azide and BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 mg                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| Clonality           | Monoclonal                                                                                                       |
| Clone               | 2E11                                                                                                             |
| Preservative        | No Preservative                                                                                                  |
| Isotype             | IgG2a Kappa                                                                                                      |
| Purity              | IgG purified                                                                                                     |
| Buffer              | In 1x PBS, pH 7.4                                                                                                |

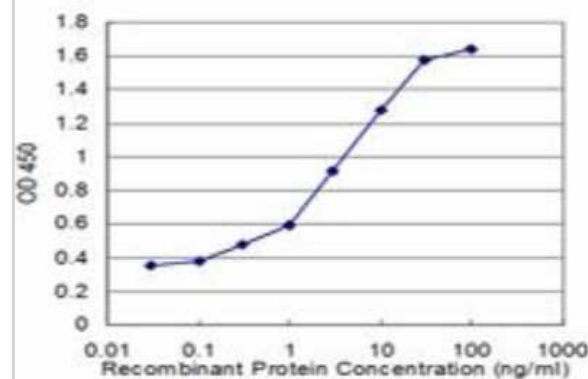
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Quality control test: Antibody Reactive Against Recombinant Protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene ID                 | 1627                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Symbol             | DBN1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity/Sensitivity | DBN1 - drebrin 1 (2E11)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen               | DBN1 (AAH00283, 1 a.a. ~ 649 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MAGVSFSGHRLELLAAYEEVIREESAADWALYTYEDGSDDLKLAASGEGGLQE<br>LSGHFENQKVMYGFCVKDSQAALPKYVLINWVGEDVPDARKCACASHVAKV<br>AEFFQGVVDVIVNASSVEDIDAGAIGQRLSNGLARLSSPVLHRLRLREDENAEPV<br>GTTYQKTDAAVEMKRINREQFWEQAKKEEELRKEEERKKALDERLRFEQERM<br>EQERQEQEERERRREREREQQIEEHRRKQQTLEAEEAKRRLKEQSIFGDHRDE<br>EEETHMKKSESEVEEAAAIIAQRPDNPREFKQQERVASASAGSCDVPSPFNH<br>RPGSHLD SHRRMAPPTPIPTRSPSDSSTASTPVAEQIERALDEVTSSQPPPLPPP<br>PPPAQETQEPSPILDSEETRAAAPQAWAGPMEEPPQAQAPPRGPGSPAEDLM<br>FMESAEQAVLAAPVEPATADATEVHDAADTIETDTATADTTVANNVPPAATSLI<br>DLWPGNGEGASTLQGEPRAPTPPSGTEVTLAEVPLLDEVAPEPLLPAGEGCAT<br>LLNFDELPEPPATFCDP EEVEGEPLAAPQTPTLPSALEELEEQEQEPEPHLLTNG<br>ETTQKEGTQASEGYFSQSQEEFEAQSEELCAKAPPPVFYKNKPPEIDITCWDAD<br>PVPEEEEGFEGGD |
| Notes                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Product Application Details |                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA, Sandwich ELISA                                                 |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Sandwich ELISA                                           |
| Application Notes           | Antibody reactivity against recombinant protein for WB. It has been used for ELISA. |



## Images

Sandwich ELISA: Drebrin 1 Antibody (2E11) [H00001627-M03] - Detection limit for recombinant GST tagged DBN1 is approximately 0.1ng/ml as a capture antibody.



## Publications

Kim YE, Jeon HJ, Kim D et al. Quantitative Proteomic Analysis of 2D and 3D Cultured Colorectal Cancer Cells: Profiling of Tankyrase Inhibitor XAV939-Induced Proteome. Sci Rep 2018-09-05 [PMID: 30185973]



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### **Products Related to H00001627-M03**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96981-0.5mg   | Mouse IgG2a Kappa Isotype Control (M2AK)                |
| H00001627-P01-10ug | Recombinant Human Drebrin 1 GST (N-Term) Protein        |

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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